

Assignment 2

Due: September 29, 2014

Demonstrate your understanding of Design of Experiments (DOE) by developing a small software specification suitable for applying this technique. Your specification should include at least 5 factors and at least 3 factors should have more than 6 levels. Research and identify a tool that supports DOE and utilize the tool to develop test cases for your specification demonstrating pairwise combination testing. You need to deliver (in a single pdf file) the following:

1. software specification (showing factors and levels)
2. tool reports (screenshots)
3. test cases you would execute based on tool results.

In CSE 565, all work must be done individually unless otherwise instructed and must be original. Papers must be written in your own words (no cutting and pasting). References to all work must be cited where used in the paper and included in a bibliography section at the end of the paper.